

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	19	("SHE, ALFRED" or "GIMLETT, JAMES")	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/10 11:56
L2	33	"NETWORK ELEMENTS, INC"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/10 12:08
L3	2	I2 and (pipelin\$3 with (encrypt\$3 or encipher\$3 or decrypt\$3 or decipher\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/10 12:16
L4	2	I1 and (pipelin\$3 with (encrypt\$3 or encipher\$3 or decrypt\$3 or decipher\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/10 12:10
L5	377	(pipelin\$3 with (encrypt\$3 or encipher\$3 or decrypt\$3 or decipher\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/10 12:10
L6	13	I5 and (generat\$3 with ("round" adj "key"))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/10 12:16
L7	1	I6 and ((("partially" or segment\$3 or "portion") with ((cipher\$3 or encrypt\$3 or encod\$3 or decipher\$3 or decrypt\$3 or decod\$3) with "text")))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/10 12:17
L8	13	I5 and (generat\$3 with ("round" adj "key"))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/10 12:13
L9	14	"4140873"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/10 12:13
L12	762	380/37	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/10 12:16
L13	33	I12 and (pipelin\$3 with (encrypt\$3 or encipher\$3 or decrypt\$3 or decipher\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/10 12:23

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L14	2	I13 and (generat\$3 with ("round" adj "key"))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/10 12:21
L15	1	I14 and (("partially" or segment\$3 or "portion") with ((cipher\$3 or encrypt\$3 or encod\$3 or decipher\$3 or decrypt\$3 or decod\$3) with "text"))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/10 12:21
L16	620	380/42	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/10 12:20
L17	12	I16 and (pipelin\$3 with (encrypt\$3 or encipher\$3 or decrypt\$3 or decipher\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/10 12:22
L18	0	I17 and (generat\$3 with ("round" adj "key"))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/10 12:22
L19	0	I17 and (("partially" or segment\$3 or "portion") with ((cipher\$3 or encrypt\$3 or encod\$3 or decipher\$3 or decrypt\$3 or decod\$3) with "text"))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/10 12:22
L20	1471	380/44	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/10 12:21
L21	21	I20 and (pipelin\$3 with (encrypt\$3 or encipher\$3 or decrypt\$3 or decipher\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/10 12:22
L22	0	I21 and (generat\$3 with ("round" adj "key"))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/10 12:22
L23	0	I21 and (generat\$3 with ("round" with "key"))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/10 12:23
L24	0	I21 and (("partially" or segment\$3 or "portion") with ((cipher\$3 or encrypt\$3 or encod\$3 or decipher\$3 or decrypt\$3 or decod\$3) with "text"))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/10 12:23

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L25	355	(generat\$3 with ("round" with "key"))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/10 12:30
L26	20	I25 and (pipelin\$3 with (encrypt\$3 or encipher\$3 or decrypt\$3 or decipher\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/10 12:30
L27	2	I26 and (("partially" or segment\$3 or "portion") with ((cipher\$3 or encrypt\$3 or encod\$3 or decipher\$3 or decrypt\$3 or decod\$3) with "text"))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/10 12:30
L29	1	I27 and (increment\$4 with (decrypt\$3 or decipher\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/10 12:30
L30	324	(increment\$4 with (decrypt\$3 or decipher\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/10 12:36
L31	10	I30 and (pipelin\$3 with (encrypt\$3 or encipher\$3 or decrypt\$3 or decipher\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/10 12:35
L32	1	I31 and (("partially" or segment\$3 or "portion") with ((cipher\$3 or encrypt\$3 or encod\$3 or decipher\$3 or decrypt\$3 or decod\$3) with "text"))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/10 12:30
L33	1	I32 and (generat\$3 with ("round" with "key"))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/10 12:31
L34	2	I31 and (generat\$3 with ("round" with "key"))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/10 12:36
L35	880	380/29	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/10 12:35
L36	14	I35 and (increment\$4 with (decrypt\$3 or decipher\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/10 12:43

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L37	2	I36 and (generat\$3 with ("round" with "key"))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/10 12:36
L38	2884	380/30	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/10 12:36
L39	24	I38 and (increment\$4 with (decrypt\$3 or decipher\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/10 12:43
L40	0	I39 and (generat\$3 with ("round" with "key"))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/10 12:44
L41	1011	713/150	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/10 12:43
L42	13	I41 and (increment\$4 with (decrypt\$3 or decipher\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/10 12:47
L43	1	I42 and (generat\$3 with ("round" with "key"))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/10 12:44
L44	9	"5875248"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/10 12:47

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Patents

Patents 1 - 10 on pipeline with encryption and decryption. (0.03 seconds)

Decryption of graphics data in a graphics processing pipeline

US Pat. 7159112 - Filed Aug 26, 2003 - NVIDIA Corporation

display device, and various user-adjustable settings of the Examples of cryptographic (encryption and decryption) °fap^ular rendering device quality of a ...

Firewall including local bus

US Pat. 6701432 - Filed Apr 1, 1999 - Netscreen Technologies, Inc.

If the pipeline was not used, the rule search could take three times longer.

Referring now to FIGS. 2, 4 and 7, an encryption/ decryption process 700 is ...

Method of and apparatus for encryption and decryption of communication data

US Pat. 5321752 - Filed Sep 4, 1992 - Canon Kabushiki Kaisha

Systolic array executes pipeline- encryption key is opened to public, while decryption based processing using a plurality of types of processing key is kept ...

Digital radio with vocoding encrypting codec

US Pat. 5592556 - Filed Aug 9, 1994 - Ericsson GE Mobile Communications Inc.

20 More About Encryption and Decryption Encryption and decryption are means to scramble ... PIPELINE PROCESSING Within SPM 104 In the preferred embodiment, ...

Virtual matrix encryption (VME) and virtual key cryptographic method and apparatus

US Pat. 6219421 - Filed Oct 24, 1997 - Shaul O. Backal

Unlike existing encryption/decryption algorithms, the 15 present technique uses a complex ... to form a "pipeline" into which data to be secured is passed. ...

Encryption processor with shared memory interconnect

US Pat. 6434699 - Filed Jun 1, 2000 - MOSAID Technologies Inc.

... be programmed to perform common data encryption and decryption algorithms on

... A control CPU 52 synchronizes the operations of the encryption pipeline ...

Calculating apparatus having a plurality of stages

US Pat. 7017064 - Filed May 9, 2001 - MOSAID Technologies, Inc.

Typically, encryption/decryption is performed based on algorithms which are intended

... Pipeline processors comprising a plurality of separate processing ...

Encryption apparatus using data encryption standard algorithm

US Pat. 7099470 - Filed Jun 12, 2001 - Hynix Semiconductor Inc.

... 56 bits among the 64-bit key block for encryption and decryption and remaining 8

... The micro pipeline structure is a structure pipelining an iterative ...

Encryption processor with shared memory interconnect

US Pat. 6088800 - Filed Feb 27, 1998 - Mosaid Technologies, Incorporated

.. is also designed to perform decryption and of the PK ALU. message digest ...

of the 4x4 multiplier overlaid thereon. **encryption/decryption pipeline**. ...

System and apparatus for blockwise encryption/decryption of data

US Pat. 5799089 - Filed Apr 12, 1996 - Irdeto B.V.

2, the **encryption** device comprises a this case the blocks can be reversed ...

In order to encrypt a data block, the data **decryption** algorithm (D) and then ...

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Patents

Patents 1 - 2 on pipeline with deciphering round keys. (0.02 seconds)

System and method for providing secure internetwork services via an assured pipeline

US Pat. 7181613 - Filed May 26, 2004 - Secure Computing Corporation

1 SYSTEM AND METHOD FOR PROVIDING SECURE INTERNETWORK SERVICES VIA AN ASSURED PIPELINE RELATED APPLICATIONS 5 This application is a continuation of US ...

System and method for providing secure internetwork services via an assured pipeline

US Pat. 6772332 - Filed Dec 23, 1998 - Secure Computing Corporation

SYSTEM AND METHOD FOR PROVIDING SECURE INTERNETWORK SERVICES VIA AN ASSURED PIPELINE This application is a continuation of US Ser. No. ...

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Patents

Patents 21 - 23 on generated deciphering round keys. (0.01 seconds)

Database management apparatus and encrypting/decrypting system

US Pat. 7093137 - Filed Sep 26, 2000 - Casio Computer Co., Ltd.

1, ..., 65 as an operation in which r, , rotates by 9 round the normal set on the plane. The R is a matrix of 2x2, ...

KS KS KS KS KS KS

US Pat. 3796830 - Filed Nov 2, 1971 - International Business Machines Corporation

This is assured by the use of the true and inverse permutation control signals K.

The T bits now having been generated, the source registers and convolution ...

Method of generating pseudo-random numbers in an electronic device, and a method of encrypting ...

US Pat. 7170997 - Filed Dec 7, 2001 - Cryptico A/S

... to be generated for eg encryption and decryption of data. ... Kawasaki, discloses an enciphering/deciphering apparatus and a method incorporating random ...

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generated deciphering round keys

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Patents

Patents 1 - 10 on generated deciphering round keys. (0.02 seconds)

Method of deciphering ciphered data and apparatus for same

US Pat. 6732271 - Filed Mar 31, 2000 - Hitachi, Ltd.

Generally, in all the modes of ECB, CBC, CFB and OFB for DBS enciphering and deciphering, a long processing time is taken by 16-round DBS cipher stages ...

Key controlled block cipher cryptographic system

US Pat. 4255811 - Filed Mar 25, 1975 - International Business Machines Corporation

Upon the receipt of the "keys generated" operation of the algorithm is currently

... An exception to this, as will be noted, **round** of decipherment. are the ...

Method for authenticating the identity of a user of an information system

US Pat. 4218738 - Filed May 5, 1978 - International Business Machines Corporation

System generated primary communication **keys**, ie session ke^a , are time variant

... enciphering and **deciphering** operations and is identical for both units. ...

Digital video content transmission ciphering and deciphering method and apparatus

US Pat. 7043021 - Filed Apr 14, 2004 - Intel Corporation

Thus, in a desired number of clock cycles, a pseudo random bit sequence of a desired length is **generated**. For the illustrated embodiment, by virtue of the ...

Digital video content transmission ciphering and deciphering method and apparatus

US Pat. 6731758 - Filed Aug 29, 1999 - Intel Corporation

Thus, in a desired number of clock cycles, a pseudo random bit sequence of a desired length is **generated**. For the illustrated embodiment, by virtue of the ...

Digital video content transmission ciphering and deciphering method and apparatus

US Pat. 6477252 - Filed Aug 29, 1999 - Intel Corporation

Thus, in a desired number of clock cycles, a pseudo random bit sequence of a desired length is **generated**. FIG. 6 illustrates the block key section of FIG. ...

Method and apparatus for protecting copy control information provided to a video recording device

US Pat. 6947561 - Filed Jun 30, 2000 - Intel Corporation

The stored intermediate "keys" are then applied to the ciphered text in reversed 40 order, resulting in the **deciphering** of the ciphered text back into the ...

Method and apparatus for advanced symmetric key block cipher with variable length key and block

US Pat. 6243470 - Filed Feb 4, 1998 - International Business Machines Corporation

Regardless of when the sub-**keys** are **generated**, the following process is used.

... to the number of rounds to be used for enciphering and **deciphering**. ...

Method and apparatus for advanced byte-oriented symmetric key block cipher with variable length ...

US Pat. 6192129 - Filed Feb 4, 1998 - International Business Machines Corporation

Since a different sub-key is produced during each **round** of this operation, the iteration counter also indicates how many sub-**keys** have been **generated**. ...

Medium, apparatus, and method related to encryption resultant information

US Pat. 6859427 - Filed Jul 3, 2003 - Matsushita Electric Industrial Co., Ltd.

In this case, moving picture addresses are generated mation to obtain said ...

231(Z>) shows index 30 deciphering said ciphered information to obtain said ...

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Patents

Patents 1 - 2 on **real-time deciphering round key generation**. (0.20 seconds)

Multi-mode digital enciphering system

US Pat. 4079188 - Filed Apr 14, 1975 - Datotek, Inc.

As the **key** data is requested by the prime data circuit, it is 10 accumulated ...

Both of these circuits perform the enciphering- /deciphering algorithm. ...

Multi-mode digital enciphering system

US Pat. 4140873 - Filed Sep 9, 1977 - Datotek, Inc.

The **key** generator FAULT is only one of six alarm conditions. ... the enciphered data at the master station must be enciphered with **real time key**. ...[Google Patent Search Help](#) | [Advanced Patent Search](#)[Google Home](#) - [About Google](#) - [About Google Patent Search](#)

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Patents

Patents 1 - 10 on incrementing with deciphering and decryption. (0.09 seconds)

Enciphering/deciphering device and method, and encryption/decryption communication system

US Pat. 5870477 - Filed Mar 29, 1996 - Pumpkin House Incorporated

... deciphering ... decryption ...

Block encryption method and schemes for data confidentiality and integrity protection

US Pat. 6973187 - Filed Jan 18, 2001 - VDG, Inc.

In a further aspect of the present invention, the **deciphering** step comprises performing ... and **incrementing** the counter by one on every message encryption; ...

Multiprocessor data memory sharing system in which access to the data memory is determined by ...

US Pat. 5598575 - Filed Apr 15, 1996 - Ericsson Inc.

After every execution of step 3, activate the encryption/ **decryption** ... In a preferred implementation, the **deciphering** operation is performed on the fly, ...

Encryption system with transaction coded **decryption** key

US Pat. 5889860 - Filed Nov 8, 1996 - Sunhawk Corporation, Inc.

This information allows for proper **incrementing** of a multi-use 10 8 embodiment, ... 8 and 9 illustrate one implementation of the 40 encryption/**decryption** ...

Automatic resynchronization of crypto-sync information

US Pat. 6697490 - Filed Oct 19, 1999 - Lucent Technologies Inc.

The **incrementing** and comparison procedure is limited to a certain number of times ... a **decryption** module wherein said **decryption** module uses said local ...

Method of counterfeit detection of electronic data stored on a device

US Pat. 5875248 - Filed Feb 25, 1997 - International Business Machines Corporation

... **decryption** means for **deciphering** said return number using said session key to ... **incrementing** said deciphered number by a first value to generate an ...

Wireless local loop with intelligent base station

US Pat. 7050799 - Filed Aug 28, 2002 - Intel Corporation

9 and 10 and described later herein), encryption and **decryption** may be ... for both the over-the-air and the backhaul time frames, so **incrementing** the frame ...

Wireless local loop with intelligent base station

US Pat. 6496694 - Filed Jan 13, 2000 - Intel Corporation

With regard to encryption and **decryption** functions, a bearer encryption (or ... so **incrementing** the frame number each frame cycle normally maintains frame ...

Continuous cipher synchronization for cellular communication system

US Pat. 5060266 - Filed Jul 20, 1990 - Ericsson GE Mobile Communications Holding Inc.

... over the communications medium. specific encryption and **decryption** technique used by as ... such 5 the ciphering unit 220 and the **deciphering** unit 224, ...

User defined function facility

US Pat. 5301231 - Filed Feb 12, 1992 - International Business Machines Corporation
DECODE Key, In, Out—Perform a Data Encryption Algorithm Electronic Code Book (DEA
ECB) mode **decryption** operation using the registers specified in the ...

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